

PUBLIC NOTICE

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Pollution Control
7th Floor, L&C Annex
401 Church Street
Nashville, Tennessee 37243

TO WHOM IT MAY CONCERN: The application described below has been submitted for an Aquatic Resource Alteration Permit under *The Tennessee Water Quality Control Act of 1977*, T.C.A. §69-3-108. In addition, federal permits may be required from the U. S. Army Corps of Engineers and the Tennessee Valley Authority under §404 of the *Clean Water Act* and §26a of the *Tennessee Valley Authority Act*, respectively. Section 401 of the *Clean Water Act* requires that an applicant obtain a water quality certification from the state when a federal permit is required. This notice may cover applications subject to §401.

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

The permit application, supporting documentation including detailed plans and maps, and related comments are available for review and/or copying at the department's natural resources section.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department shall hold a public hearing in accordance with Rule 1200-4-7-.04(4)(f).

In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

PERMIT APPLICATION NUMBER: NRS 07.190

APPLICANT: State of Tennessee
Department of Transportation
Environmental Division
Suite 900, J. K. Polk Bldg.
505 Deaderick Street
Nashville, TN 37243-0334
615-253-2477

LOCATION: Shannon Creek Road
Giles County (lat35.0725/long87.2063)

USGS TOPOGRAPHIC QUADRANGLE: Appleton, TN

WATERSHED DESCRIPTION: The proposed impacts would affect Shannon Creek. Shannon Creek is approximately 50 -60 feet wide flowing over a bedrock substrate with a riparian zone consisting of mixed hardwoods. The affected stream reach has 2 – 5 foot high stream banks and a water depth of 8 – 12 inches. A 2001 TDEC biorecon at mile 0.2 at Mt. Zion Road found 6 EPT families, 5 intolerant, 15 total families and produced a habitat score of 188. Data shows the stream as fully supporting all of its classified uses. The land use in the area is primarily rural residential/agriculture.

PROJECT DESCRIPTION: The applicant proposes to replace the existing bridge with 120 ft. 2-span bridge and enhance its approaches. The project would require the relocation of an unnamed tributary to Shannon Creek (Sta. 6+30+/-Lt. – Sta. 7+45+/- Lt) from a 140 ft. channel to a constructed channel 105 feet in length for a loss of 35 ft. of stream length. The applicant proposes to mitigate the loss by paying \$7,000.00 to the Tennessee Stream Mitigation Program. From Station 9+30+/- to Station 10+30+/- the applicant would install a new culvert and transition in an unnamed tributary to Shannon Creek involving 110 ft. of existing stream. The new culvert would be 16 ft. of 30” concrete pipe with 64 ft. of transition at the inlet and 30 ft. of transition at the outlet. Trees shall be planted on 15 foot centers on both sides of the transitions as on site mitigation. Other aspects of this proposal meet criteria for General Permit for Wet Weather Conveyances.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

More details on the proposal can be viewed on the Internet at <http://www.state.tn.us/environment/wpc/ppo/arap>.

PERMIT COORDINATOR: Brian Canada

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department’s address for review and/or copying. The department’s address is:

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